## Implementation Status for the Stellwagen Bank National Marine Sanctuary 1993 Management Plan

Since designation in 1992, the Sanctuary has made substantial progress in developing programs for resource protection, research and monitoring, education and outreach. However, funding and staffing limitations and the need to respond to immediate and emerging issues have prevented the Sanctuary from fully achieving the ambitious plan set forth by the public and NOAA in the 1993 management plan. The following matrix summarizes the relative degree of success the Sanctuary has had in implementing the plan to date.

GOALS AND RESPONSIBILITIES	IMPLEMENTED AND ON-GOING	NOT IMPLEMENTED
Resource Protection	AMP -	8 ≥
Coordinate policies and procedures with other agencies currently possessing resource protection responsibilities in the Sanctuary	<b>V</b>	
Nork with other agencies to develop new procedures to address specific management concerns	<b>/</b>	
Enforce Sanctuary regulations and enhance enforcement of regulations	<b>V</b>	
Prepare a Sanctuary contingency and emergency response plan	<b>V</b>	
Develop a Geographic Information System database of resources at risk	<b>V</b>	
Develop procedures for emergency research		1
Provide guidelines for damage assessment		1
Develop cooperative agreements to improve oil/chemical spill detection programs and to enhance containment capabilities	~	
Monitor commercial and recreational activities within the Sanctuary	<b>V</b>	
Encourage other agencies to monitor activities in the Sanctuary	<b>/</b>	1
mprove overall detection of areas for particular management concern	<b>V</b>	1
Exchange information on commercial and recreational activities occurring within the Sanctuary	~	
Consult with other agencies on proposals and policies for management of activities which may affect Sanctuary resources	~	
Develop materials designed to enhance public awareness and appreciation of Sanctuary resources and show the need for their protection	~	
Analyze human use patterns to determine any increased need for enforcement surveillance in the Sanctuary	<b>V</b>	
Evaluate Sanctuary enforcement effectiveness, after two years and then annually Hold periodic meetings with enforcement personnel to determine adequacy of surveillance	/	İ

GOALS AND RESPONSIBILITIES  Research and Monitoring	IMPLEMENTED AND ON-GOING	NOT IMPLEMENTED
Develop a baseline study to determine features and processes of the environment	<b>/</b>	
Develop baseline studies to determine the abundance, distribution and interactions among the living resources	/	
Monitor changes in the Sanctuary's ecology:	<b>V</b>	
Species population dynamics	/	
Cetacean abundance	<b>V</b>	
Seabird abundance	] 	<b>/</b>
Effects of sport and commercial fishing	/	
Effects of whale watching		!
Monitor changes in environmental quality (including pollution)	/	
Monitor changes in human activities in the Sanctuary	/	!
Develop predictive studies to assess causes and effects of ecological and environmental changes, and to anticipate management issues	/	
Prepare annual Sanctuary Research Plans		
Monitor progress on research conducted in the Sanctuary	/	
Conduct research workshops	/	
Assist research exchange effort by making Sanctuary research databases available to other agencies and private institutions	/	

GOALS AND RESPONSIBILITIES  Education and Outreach	IMPLEMENTED AND ON-GOING	NOT IMPLEMENTED
Develop literature about resources and programs to reach Sanctuary on-site users, including whalewatch passengers, recreational boaters, charter boat operators, researchers and educators	<b>/</b>	
Establish a Plymouth Headquarters Office with visitor center and interpretive materials in both print and audio-visual form	~	
Provide information about other private and governmental activities occurring within or near the Sanctuary	<b>/</b>	
Provide information about how the Sanctuary program coordinates with other public and private institutions or agencies to ensure ecosystem protection	/	
Provide information about the National Marine Sanctuary Program	/	
Conduct outreach programs for schools and universities		-
Develop curriculum materials and other teacher aids		
Conduct off-site outreach programs for the general public, when possible in conjunction with regional environmental study organizations	/	
Develop on-site visitor programs for fishing and whalewatching vessels, and other recreational boating visitors to the Sanctuary	~	
Develop visitor center programs for the general public		<b>/</b>
Provide information for use by whalewatch naturalists	<b>/</b>	
Co-sponsor special excursions to the Sanctuary with regional Non-Governmental Organizations	<b>V</b>	
Make Sanctuary materials available at other visitor centers and offices, including NMFS Regional Office and Cape Cod National Seashore	<b>V</b>	
Develop travelling exhibits	~	
Develop outreach materials for highway welcome centers		-
Develop outreach materials for public docks		1

GOALS AND RESPONSIBILITIES  Program Support	IMPLEMENTED	NOT IMPLEMENTED
Prepare annual operating plan	≥ ₹	
Assist in coordination of surveillance and enforcement activities	1	
Coordinate regularly with commercial and recreational fishing representatives primarily through the Sanctuary Advisory Council	~	
Report regularly to headquarters on enforcement and emergencies	/	
Provide information for training of enforcement officials	<b>V</b>	
Monitor and evaluate the adequacy of emergency response plans	<b>/</b>	
Maintain a record of emergency events in and around the Sanctuary		V
Evaluate overall progress toward resource protection objectives and prepare semi-annual and bi-monthly progress reports for headquarters	~	
Forward recommendations to headquarters for Sanctuary use permits	<b>/</b>	
Make available appropriate training for staff	<b>/</b>	1
Review management plan periodically and recommend changes to headquarters	<b>V</b>	
Represent the Sanctuary at public forums	<b>/</b>	
Ensure that staff includes a Manager, administrative assistant, research coordinator, education coordinator, and one or more enforcement/interpreter positions	/	
Determine need for additional staffing	<b>/</b>	
Establish a headquarters office and visitor center facility in Plymouth	<b>V</b>	
Consider establishment of a satellite office in Provincetown, Gloucester or Hull	<b>V</b>	